

CORRORATE DE LA COMPANSION DE LA COMPANS

Laboratory Journal

Arsembly of a Feld 1 Cl	a synthetic ger	u cooling of	cont. on.p Project no Study no.	аде по
Oligos Int o Osul Int d 35 pl	132, 133, 13 feach oligi NTP 10 mM Tag Oxt Tag-buffe the	region in the second of the Fr	July .	
an	reality 55-65	Eppendort 1 min 2 15 min 20 min cles end.	(grad)	
Romit	A show but			
Riture		Read and understood by	Date	



248910

cont. from page no: Study A 83 &	inloly	ot c	liain, 2	Pel	el1	Sont on p Project no).	
拉	sing 3	To fe	131 + 13 cent DWA	polym	esse	Tag pfn Ampla		
sugalis lamed						307		
		Date		Read and under			and the second s	7.554



248923

Expression and purification of Tel d1 chain 1 and chain 2. Fel d1 chain 1 (clone 42) and Feld (chain) clone 29 was lighted into per 206 and lectro ported into B1-21 DE3 plys & after having been cut from PTA-Bue contain the correct sequence (see builde Hall Feld!) Sequencing of JET 42/JET 29 was done according to standard protocol (ABI) and the result can be seen on the opposit sile Both feld 1 cham 1 (Fd 1:1) and Feld 1 cham (Fd 1:2) was expressed according to standard protocol and purpied on a thirthe Chelate Shun toaked with Ni Sop Chan I was soluble, after with somewhat dian I was found in 20 mH Firstle pt fraction while chain 2 was found in the inclusion boolies after "washing" with 2M used buffer + 20ml Tristle ph 10. The inclusion bookies were soluborlized in 6 M Guaridin, transferred to 6 of the Suffer (20 mt Thin-the plike t O SM Neck) via 6 this the trap Parification was done on FPLC

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Parsonnummer
340217-3235
370413-3218
880620-1236
410317-3210
420509-3218
421013-3254
430306-3277
441118-3272
471031-3273
4807718-3273
490710-3248
500228-3217
500515-3233
510414-3234
511020-3212
531016-3232
531006-333
540208-3214
540023-9332
550521-3213
560701-3218
570445-3211
                                                                                                             216
220 0.64
243 0.37
245 0.85
623419-822

550127-5212

550703-3230

840724-3233

950828-3215

650828-3215

671094-3255

980220-3213

680520-3213

690108-3235

730812-3251
  730812-3251
740308-0044
740313-3213
750109-3210
```

231H

```
# Free Table | Fre
0.003 0.008
0.008 0.008
0.009 0.007
0.007 0.029
0.008 0.010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (23)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (E)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (<del>(1)</del>)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (454)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     28.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25.5
                                          0,47
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Diagnosi Diagnosia 45 min

chara values (colculated):

(asta values (colculated):

(by 2 psy 1 % 4 dy 5 Tw 6 dy

(asta chara values)

(but 6 n.53 0.118 0.122 1.195 0.81

(but 6 n.53 0.118 0.122 1.195 0.81

(but 6 n.53 0.118 0.125 1.171 0.44

(a.51 0.081 0.181 0.195 0.111 0.48

(a.51 0.081 0.182 0.195 0.81

(a.52 0.631 0.081 0.59 0.81 0.4

(a.53 0.641 0.085 0.25 0.87 0.5

(b.60 0.65 0.65 0.47) 0.16 1.435 0.8

(a.65 0.65 0.65 0.47) 0.16 1.435 0.8

(a.65 0.65 0.65 0.47) 0.16 1.435 0.8

(a.65 0.65 0.65 0.47) 0.16 0.25 0.8

(a.65 0.65 0.65 0.47) 0.16 1.435 0.8

(a.65 0.61 0.65 0.47) 0.16 0.25 0.14 0.14 6.44, 7 % 3 % 3 %, 7 % 10/4, 11% 17/44 9.817 0.937 0.233/0.137 3.082 0.78 0.085 0.635 0.643 0.245 0.135 0.030 0.136 0.138 0.443 2.336 0.958 0.114 0.200 0.156 0.162 0.776 0.713 0.715 0.715 0.700 0.156 0.163 0.311 0.000 0.114 0.02 0.156 0.313 2.477 1.18 0.114 0.043 0.177 0.956 0.533 2.477 1.18 0.114 0.048 0.177 0.958 0.533 0.047 0.256 0.182 0.968 0.183 0.123 0.533 0.047 0.056 0.182 0.968 0.183 0.183 1.356 1.536 0.046 0.107 0.046 0.277 0.088

Coasing: 4. 18 pg/ml

8. 9 pg/ml

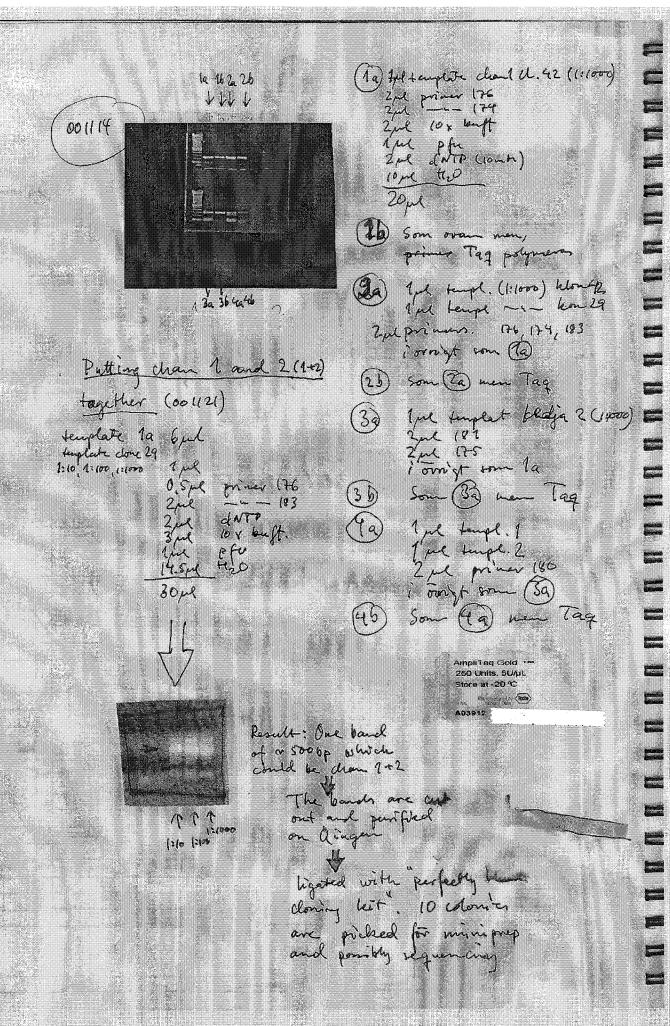
6. 25 pg/ml



Text of Fold chain 1 kelone 92 and Projection. Fold Chain 2, clone 29 with 6 cart sembilized Study no.	
6 farmes from the ALLOT sholy no 29, 59, 277, 422 was dituled 3 times and which resp. in. PBS pA7.4. A un titer plate was coated with:	
Plate 1 A cong/ax claim 1 D (Au horicontal wells) B 5 in fine - a C 25 in fine - a D 1-25 in fine - a	
6 10 mg/m cham 2 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
Du the verileal rowers the publicuts were added	
\$ 2 3 4 5 6 7 8 9 0 11 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Read and Understood by	

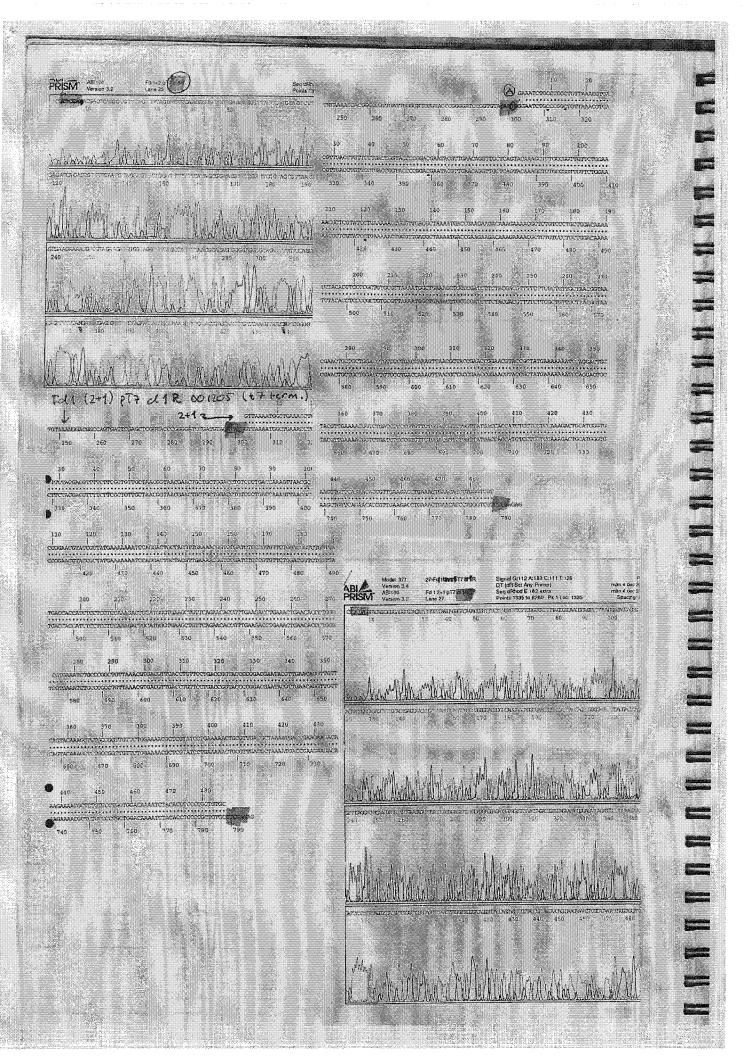


cont. From page no: Study	coni. on page no: Projectno.
Cout Cout	Study no.
EZISA condition	
Coating of Fol 1:1 and Fol 1:2 over the weeke	
+4°c Som 4 times was with "Trace	
Patients sem was added, 100 ul/well	
intensated at +4°C on Wash 4 times	
Elist - washer) with "Trad tosming" and	100 pl
Red theman and ly E det 1000 times in	
Inkubation 2 hours in RT on shaker	
4 x tracelosming and ad 100 jul fuell	
Groat and - vablit - ALP kongugated (DAG	
Wash it times and ad substrate 3	tublets/15ml
of var buffert.	
The result was read in ELISA ver	slev
after 45 um at 405 ste non	
Result: 25 jug ford seem to be and	adequat
Conting concentration for both ch	Likay!
cliai 2 Mixing of the Hoo.	chairs I
can be done with country of	oncentration
2.5 + 2.5 july/me	
Read and understood by	
	and the second



248928

Linking of (chain I and chain 2 (scanless)) with PCR teld Mand tol d1:2 Study no. The aim of this experiment is to join two cleans of Fel of into one consmit by The two segmenced chain of the gor thans of cat Fel 21 (chan 1, clon chain 2, clone 29) is joined with PCR Chair. template 92 (planned Fast in 777-1044 diai 2 templ 29 (pl. p-12:20 Result (se opposte Good bands of expected rize was seen for both chan I and chan 2. But (2a) 120 as well as did not work. I will continue adding (Ta) to the 29 and he PCR. (chan 1+2) PCR (2) y template chain ((1:1000) PCR:5 1 (1+2) Janp (. U. 1 11/000) Mount 181 - July wat 180 uso-14 PCR primers 180[18] -> 5 30 W





248931

1+2 and w stg no	2+1		
1+2 down 49 to 1 2 2 3 3 4 5 3 4 5 3 4 5 4 5 4 5 5 4 6 5 3 4 5 4 5 5 6 5 6 5 6 5 6 5 6 6 6 6 6 6 6	6 7 7 9	16211	f rod = proc. 4 (poor my)
4.8 ml welton 12 pl primers 4 ml mix BD eller dolo			
10 pol oil and RER på Perlim telner		" } 25 egé	log
Unfortunately there was and the PCR- run was a	nterupted.	al power	failiure 7 mare
tycles which is done samples are loaded on and named Fd11+2 p	Canes 20		n ABI seq
Caring of clone 5 (1+2)	S F S R etc		
of the fact shot of ET 286	Bhe)		Diaget purif.
2H pl (0) and 03 ll BSA 07 pl Nole 1 Incubor 32° 07 pl Xho1 for 2h.	G shake I		A



248932

cont. from page no: Study cont. on page no:
highton of Fol 1, klone 1 (201) and done 5 (202) Project no. in to 9ET 2067 and electro pration in to BLZI plys Study no.
Study no.
The fragments from Ed 1 (2+9) belong 1 and 1 to 10
The fragments from tof 1 (2+9) belove 1 and clone 5 (1-2) were Rigen purified from 1 % Against get (248931)
A cleaned (Nde/xha) pt7 2064 vector was used
to light the fragments
Conclitions (2 pel octor fragments
Conclutions 12 ml vector from 15 10 ml vectors 1.5 ml comp ATP 1.8 ml cox ligane buffer 1.4 ml T4 mg me 18 ml
1.8 cal lox ligare buffer
18 re
hgr + 16°C o.u.
The lighte mix was electroporated into 50 pl BL 27_
- plups electro competent cells. I al light mix
was alded to thaved cells (on ice). Elecks paration
according to standard protocol. Growth on Coc
headin for 60 3 HC shake (3,00 rpm) and
ead some
can water and man procked and grown on LB Asup
and 25 ml of the (50ml) prop was
cut with tide and the Remit is stole to
Both closes, con fair the intert of
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248933

cont. on page no: "Purification of Fd 1 (1+2) klone 5 and Fd 1 (2+1) clone 1 over Nit chelate Hi-Trap Project no. Study no. C4 7 20 5 in BL-21 Ptypis 1 Liter of Foll (1+2) and (2+1) Tresp. LB-medic too 0.6 (600 mm) and wideled with IPIG (see 248932) Pur peation according to protocol. Both protein 6 m qua the wash also wo The colum is stuck to EPCC Program: 6 M Over 0 con 6 1/000 A =20 mM I undard 0,25 culpur Soout Jundre 100 125 cone 40 B portlet 60 Read and endorsoled b

=3